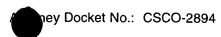


Declaration and Power of Attorney for a Patent Application

Declaration

MULTIMEDIA B2B	OPPORTUNITY AND ERR	OR DETECTION	AND RESOLUTIO	N ENGINE	
the specification of	which:		•		
x is attached he was filed on was an	as ap	plication serial n	0	: and	
	have reviewed and undersided by any amendment re			ntified specification, includi	ng
	luty to disclose information le 37, Code of Federal Reg			of this application in	
Foreign Prior	ty Claim				
for patent or invento	gn priority benefits under T or's certificate listed below a having a filing date before	and have also id	entified below any f	oreign application for pater	
Number	Country	Date Filed	Priority Claimed		
			yes	no	
		****	yes	no	
U.S. Priority	Claim				
application(s) listed in the prior United S Section 112, I ackn Regulations, Section	penefit under Title 35, Unite below and, insofar as the s states application in the ma owledge the duty to disclos in 1.56(a) which occurred b ling date of this application:	subject matter of unner provided by se material inforn petween the filing	each of the claims of the first paragraph nation as defined in	of this application is not disc of Title 35, United States Title 37, Code of Federal	Code,
Serial Number	Filing Date	Statu	ıs (patented/pendir	ng/abandoned)	



As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent Trademark Office connected therewith.

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Anthony C. Murabito	Registration No.: 35,295
John P. Wagner	Registration No.: 35,398
Glenn D. Barnes	Registration No.: 42,293
Rick G. Brewster	Registration No.: 35,077
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Ronald M. Pomerenke	Registration No.: 43,009
John F. Ryan	Registration No.: 47,050
William A. Zarbis	Registration No.: 46,120
Matthew J. Blecher	Registration No.: 46,558
Lawrence R. Goerke	Registration No.: 45,927

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Signatures

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Inventor's Signature	Date
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(City State)	\
P.O. Address 2807 Rifel Ridge R	oad, Oakton, VA 22124
2007 RITCI Rage R	Out Control VI Dalla

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Full Name of Fourth/Joint Inventor: Stephen Quatrand	0	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Inventor's Signature		Date
Residence	Citizenship	
(City State)	•	***************************************
P.O. Address	•••••	
Full Name of Fifth/Joint Inventor: Brian Carrier		······································
		_
Inventor's Signature		Date
Inventor's Signature Residence Leesburg, VA	Citizenship	USA
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P.O. Address 622 Diskin Place, Leesburg, VA 2	20175	



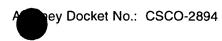


ey Docket No.: CSCO-2894

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the specification of which	ch:			
x is attached hereto was filed on was amend	as appl	lication serial no.	·	: : and
I hereby state that I hav the claims, as amended				entified specification, including
	to disclose information w 7, Code of Federal Regu			n of this application in
Foreign Priority	Claim			
for patent or inventor's of		nd have also idei	ntified below any	n 119 of any foreign application(s foreign application for patent or iority is claimed:
Number	Country	Date Filed	Priority Claimed	I
			yes	no
			yes	no
U.S. Priority Cla	im			
application(s) listed belo in the prior United State Section 112, I acknowle	ow and, insofar as the su is application in the man edge the duty to disclose 56(a) which occurred be	bject matter of e ner provided by t material informa	ach of the claims the first paragrap ation as defined in	99(e) of any United States of this application is not disclose h of Title 35, United States Code n Title 37, Code of Federal application and the national or
Serial Number	Filing Date	Status	(patented/pendi	ing/abandoned)



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Full Name of Sole/First Inventor	Mark Buonanno	
Inventor's Signature		Date
Residence	Citize	enship
(City	State)	
P.O. Address		
Full Name of Second/Joint Inve	entor: Chris Shenefiel	·
Inventor's Signature x	h Strangel	Date x//-9-2000
Residence Oakton, VA	Citize	enship US
	Citize State)	enship US

Full Name of Th	ird/Joint Inventor	Michael	Swailes	••••••		
nventor's Signa	ature				Date	
Residence				Citizenship		
P.O. Address	(City	State)		•		
					and the second s	
Full Name of Fo	ourth/Joint Invent	or: Stephen	Quatrano			
nventor's Signa	ature				Date	
Residence	***************************************			Citizenship		•
P.O. Address	(City	State)				
Full Name of Fif	fth/Joint Inventor:	Brian Ca	arrier			
					•	
Inventor's Signa	ature				Date	
Residence						
P.O. Address		State)				



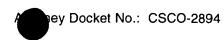


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	ve reviewed and underst I by any amendment refe			entified specification, including
	to disclose information w 7, Code of Federal Regu			n of this application in
Foreign Priority	Claim			
for patent or inventor's		nd have also ide	ntified below any	n 119 of any foreign application(s) foreign application for patent or ority is claimed:
Number	Country	Date Filed	Priority Claimed	· ·
			yes	no
			yes	no
U.S. Priority Cla	im			
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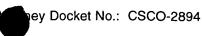
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Full Name of Sole/First Inventor:	Mark Buonanno
Inventor's Signature	Date
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(City Sta	te)
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Full Name of Second/Joint Inventor	Chris Shenefiel
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Page 2

Full Name of Third/Join	t Inventor: Michael	Swailes	
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	State)		
P.O. Address 1962	Nicosia Court, Pl	easanton, CA 94566	
Full Name of Fourth/Joi	int Inventor: Stephen	Quatrano	
Inventor's Signature			Date
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(City	State)		
P.O. Address			
Full Name of Fifth/Joint	Inventor: Brian C	Carrier	
Inventor's Signature			Date
		Citizenship	Date
(City	State)	•	
P.O. Address	·		

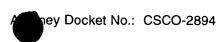




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MULTIMEDIA B2B OP	PORTUNITY AND ERRO	R DETECTION	AND RESOLUTION	ENGINE
the specification of which	oh:			
x is attached hereto	as appl	lication serial no)	: and
I hereby state that I have the claims, as amended	re reviewed and understa by any amendment refe	and the content erred to above; a	s of the above identificand	ied specification, including
	to disclose information w 7, Code of Federal Regu			this application in
Foreign Priority	Claim			
for patent or inventor's of	riority benefits under Titl certificate listed below ar ving a filing date before the	nd have also ide	entified below any fore	9 of any foreign application(s eign application for patent or v is claimed:
Number	Country	Date Filed	Priority Claimed	
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U.S. Priority Cla	im			
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Serial Number	Filing Date	Status	s (patented/pending/a	abandoned)
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***************************************	······	*************		



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Date			
Citizenship USA			
vale, CA 94087			
Full Name of Second/Joint Inventor: Chris Shenefiel			
Date			
Citizenship US			
VA 22124			

Full Name of Third/Joint Inventor. Michael Swalles	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
nventor's Signature	Da	************************		
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Full Name of Fourth/Joint Inventor: Stephen Quatranc	•			
		1	***************************************	
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Residence Lexington Massachusetts	Citizenship U	SA TIT	***************************************	
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***************************************	***************************************		***************************************	
Full Name of Fifth/Joint Inventor: Brian Carrier				
	••••••		***************************************	
Inventor's Signature	Da	te		
Residence Leesburg, VA	Citizenship III	SΔ	***************************************	
// City Ctotal	Onizeriship	<u></u>	***************************************	
(City State)				
P.O. Address 622 Diskin Place, Leesburg, VA 2	20175			





pey Docket No.: CSCO-2894

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MULTIMEDIA B2	B OPPORTUNITY AND	ERROR DETECTION	AND RESOLUTI	ON ENGINE	
the specification of	of which:				
x is attached was filed on was a	hereto, or aa amended on	s application serial no	·	: and	
I hereby state tha the claims, as am	t I have reviewed and ur ended by any amendme	nderstand the content nt referred to above; a	s of the above ide	entified specificatio	n, including
	e duty to disclose informa Fitle 37, Code of Federal			on of this application	n in
Foreign Prio	rity Claim				
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Number	Country	Date Filed	Priority Claimed	d	
			yes	no	
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U.S. Priority	Claim				
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Inventor's Signature	Date		
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Full Name of Second/Joint Inventor: Chris Shenefiel			
Inventor's Signature	Date		
Residence Oakton, VA	Citizenship US		
(City State)			
P.O. Address 2807 Rifel Ridge Road, Oa	akton, VA 22124		





Full Name of Inird/Joint Inventor: Michael Swalles	
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Inventor's Signature Residence Pleasanton, CA (City State)	
P.O. Address 1962 Nicosia Court, Pleasanton, C	A 94566
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Inventor's Signature	Date
Inventor's Signature Residence	Citizenship
(City State)	
P.O. Address	
Full Name of Fifth/Joint Inventor: Brian Carrier	
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Inventor's Signature & Dun Lavur	Date X (1/20/00
Inventor's Signature & Bun L Carrer Residence Leesburg, VA (City State)	Citizenship USA [/
(City State)	
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